$$f = \begin{cases} \frac{Sumple}{sample} > \binom{0}{1} \end{cases}$$
Inner Product : $\langle f,g \rangle = \int_{0}^{b} f \psi g(t) dt$

$$g = \begin{cases} \frac{Sumple}{sample} > \binom{0}{1} \end{cases}$$

$$c_1 = \frac{\langle f, g_2 \rangle}{\langle g_1, g_2 \rangle}$$
 $c_2 = \frac{\langle f, g_2 \rangle}{\langle g_2, g_2 \rangle}$